

FIG. 1
PRIOR ART

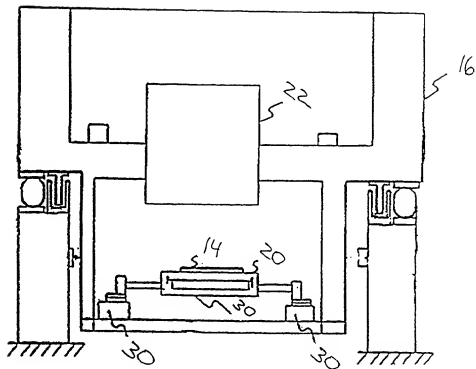


FIG. 2
PRIOR ART

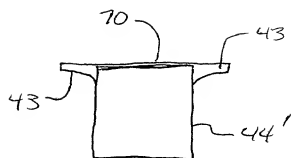


FIG. 3(A)

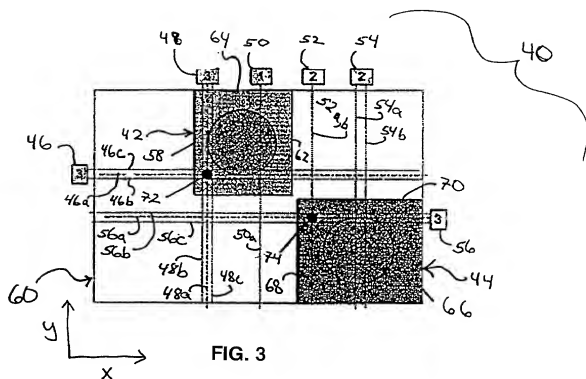


FIG. 3

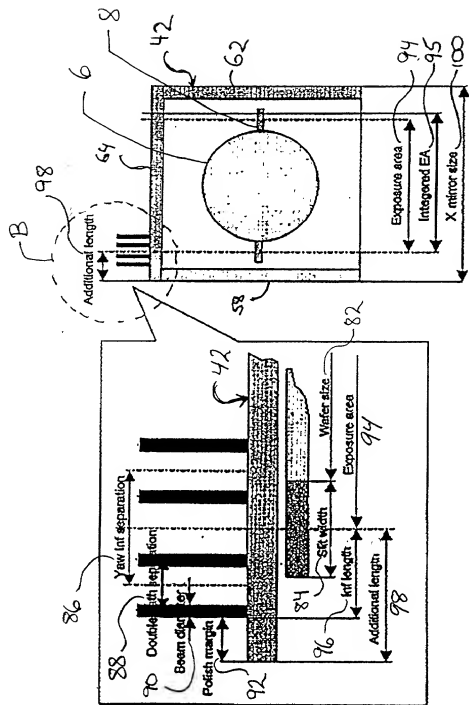


FIG. 4(B)

FIG. 4(A)

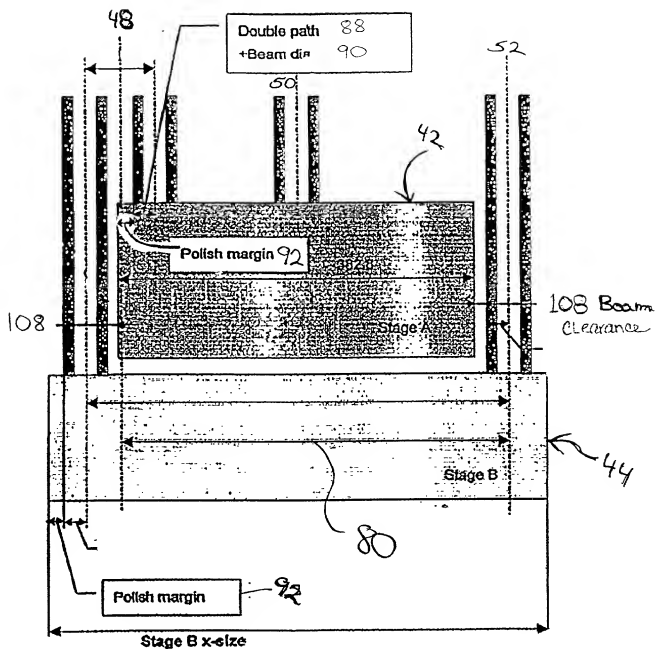


FIG. 5

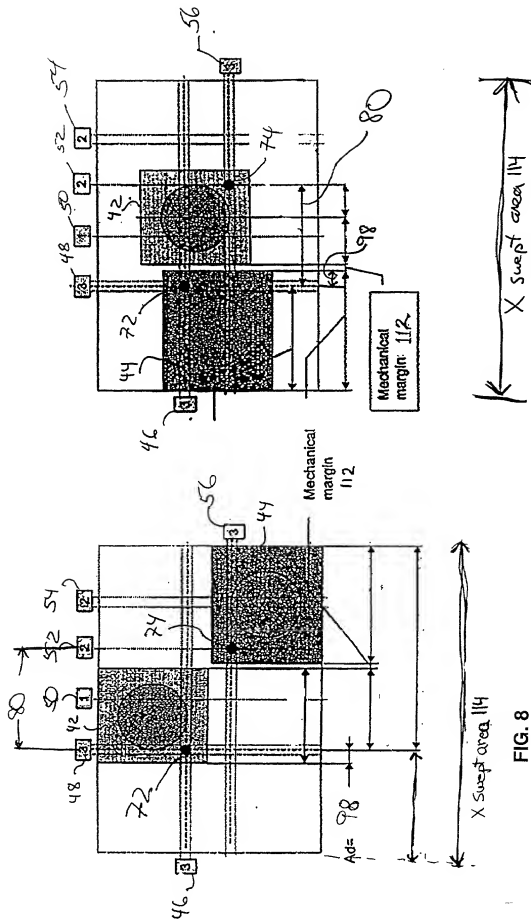
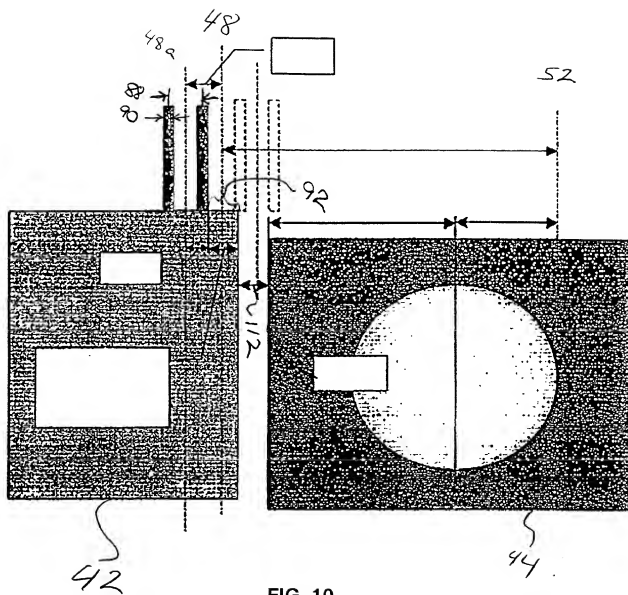


FIG. 8

FIG. 9



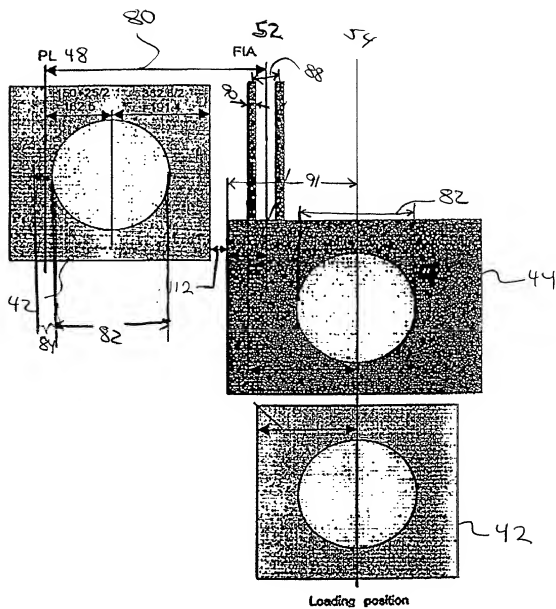


FIG. 11

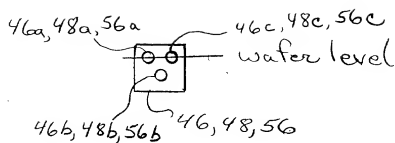


FIG. 12(A)



FIG. 12(B)



FIG. 12(C)

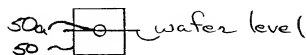
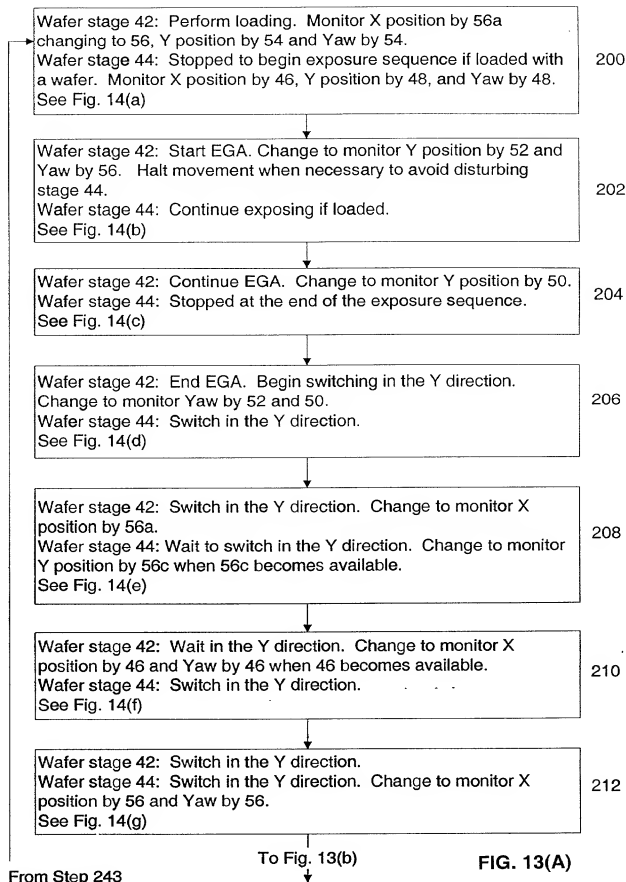
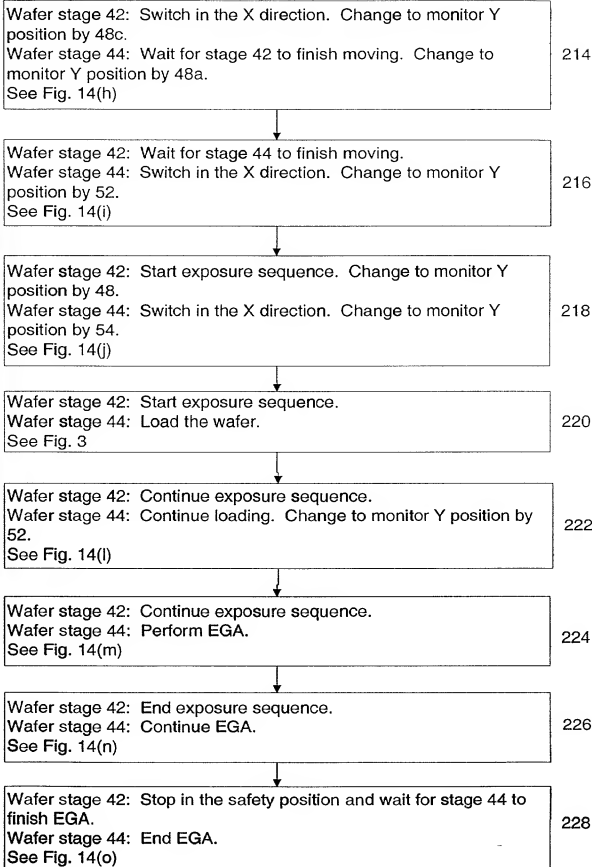


FIG. 12(D)

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To Fig. 13(a)
and step 200



To Fig. 13(c)

FIG. 13(B)

To Fig. 13(a)
and step 200

From Fig. 13(c) and step 240

Wafer stage 42: Wait in the switchY/wait position then move to the loading position.
Wafer stage 44: Continue switching in the Y direction and attain the position to begin the exposure sequence. Change to monitor X position by 46.
See Fig. 14(v)

242

Continue to
process more
wafers ?

243

Yes

No

Wafer stage 42: Unload but do not reload. Change to monitor X position by 56.
Wafer stage 44: Start exposure sequence.
See Fig. 14(a)

244

Wafer stage 42: Move through the EGA movements without performing EGA, halting to avoid disturbing stage 44. Change to monitor Y position by 52 and Yaw by 56.
Wafer stage 44: Continue the exposure sequence.
See Fig. 14(b)

246

Wafer stage 42: Change to monitor Y position by 50.
Wafer stage 44: Stop at the end of the exposure sequence.
See Fig. 14(c)

248

Wafer stage 42: Switch in the Y direction. Change to monitor Yaw by 52 and 50.
Wafer stage 44: Switch in the Y direction.
See Fig. 14(d)

250

To Fig. 13(e)

FIG. 13(D)

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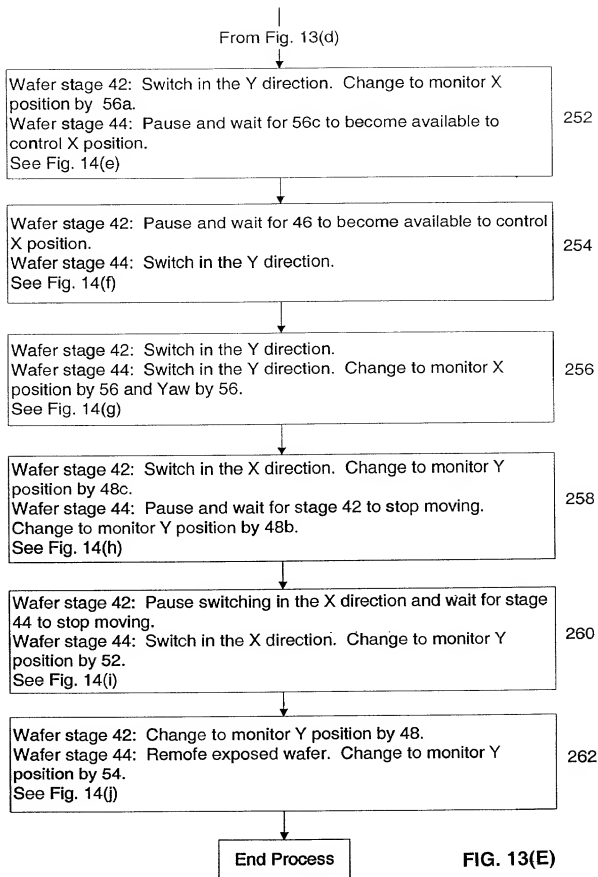


FIG. 13(E)

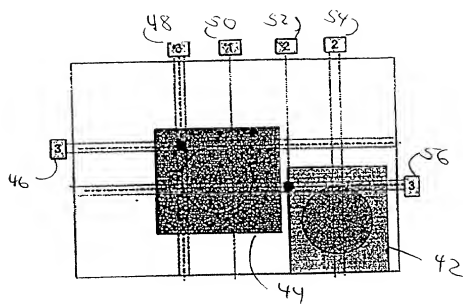


FIG. 14(A)

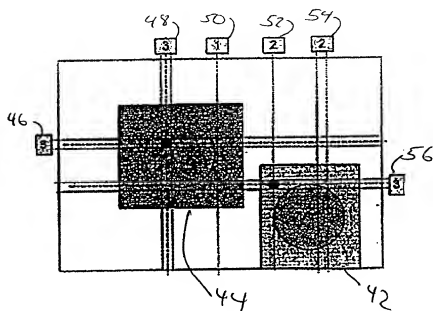


FIG. 14(B)

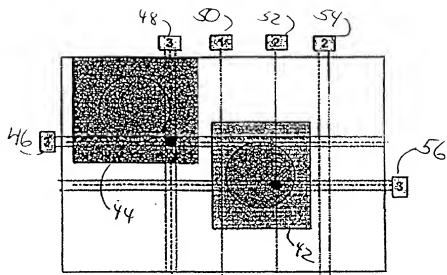


FIG. 14(C)

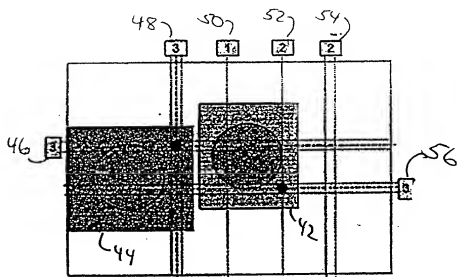


FIG. 14(D)

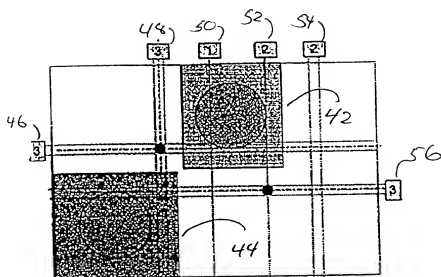


FIG. 14(G)

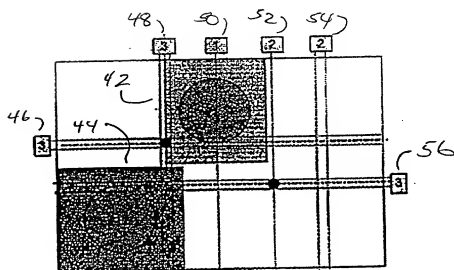


FIG. 14(H)

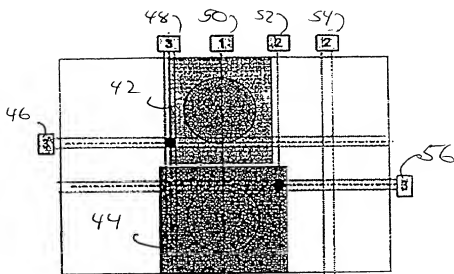


FIG. 14(I)

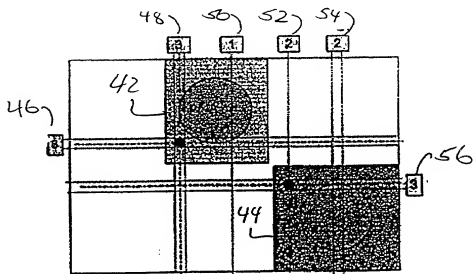


FIG. 14(J)

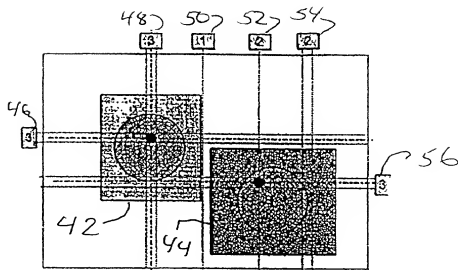


FIG. 14(M)

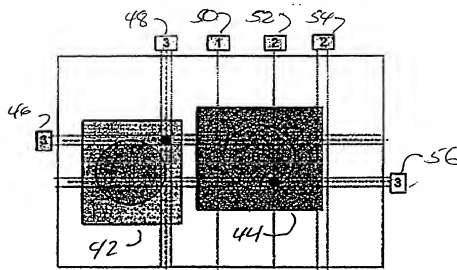


FIG. 14(N)

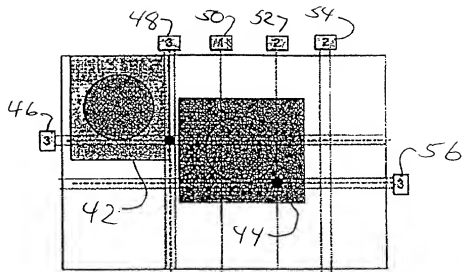


FIG. 14(O)

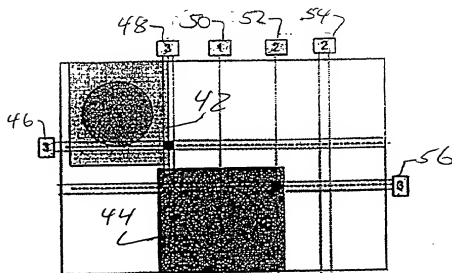


FIG. 14(P)

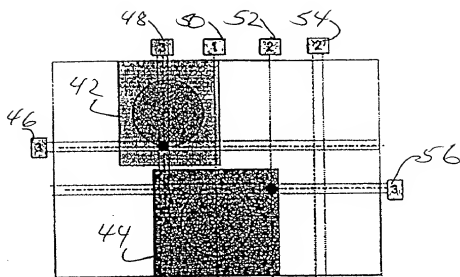


FIG. 14(Q)

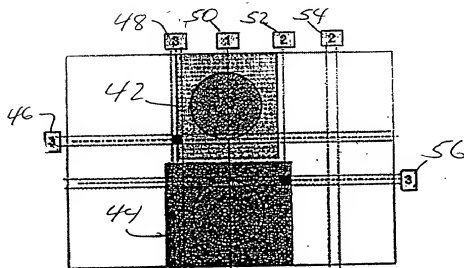


FIG. 14(R)

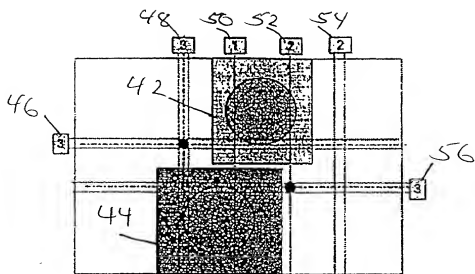


FIG. 14(S)

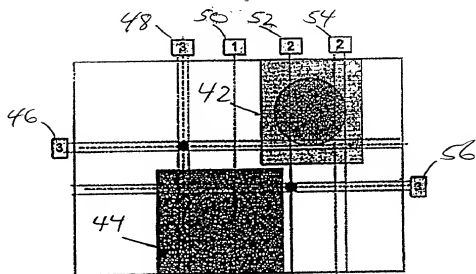


FIG. 14(T)

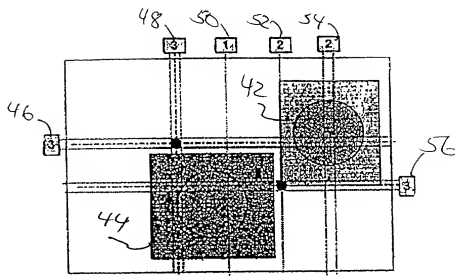


FIG. 14(U)

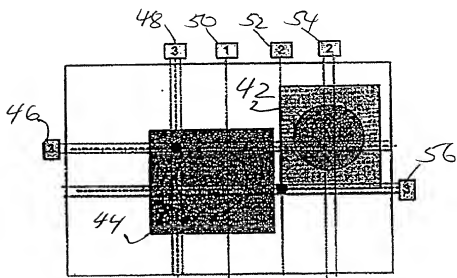


FIG. 14(V)